

## Fuel Question: Gasoline or Diesel

A lot of car owners are undecided as to what fuel is best -- gasoline or diesel. These two can't really be compared equally because each of them has its own attribute that may be advantageous or disadvantageous. Hence, an understanding of, and comparing them with respect to, their attributes is a reasonable way to compare.

When it comes to power and revving up, engines using gasoline is a sure winner. Gas-fueled engines rev faster and can reach higher speed in much lesser time. When hauling heavy loads, however, diesel-fueled engines win. Diesel engines produce more torque, and hence, suited for working on heavy shipments.

Diesel has higher energy density (around 147,000 BTUs per gallon) than gasoline (around 125,000 BTUs per gallon). This means you can extract more power from diesel than in gasoline. Hence, when it comes to fuel economy, diesel wins. In addition, a diesel powered engine has lesser amount of wasted or unburned fuel, cementing its position that [diesel performance](#) when it comes to fuel economy is a frontrunner.

Some people are particularly sensitive to a vehicle's noise and vibration. If you are one of them, diesel is not for you. Even with their improvements, vehicles with diesel engines are still noisier and shake harder than their gasoline fueled counterparts. A diesel engine also gives off more smelly and harmful emission. Hopefully, this problem will be solved in the latest diesel engine designs.

Gasoline engines also win when it comes to cold weather. Having no spark plugs, even a high [performance diesel](#) car cannot start on a cold weather. Recent improvements have been added to counter this, though.

On the issue of prices, diesel is generally cheaper than gasoline due to the fact that it is not as refined as gasoline. Some places sell diesel at higher prices, though. Even if it is cheaper, diesel availability remains a cause of concern for car owners. Because gasoline-fueled vehicles are more plentiful, so are gas stations.

Therefore, choosing a gasoline- or diesel-powered vehicle boils down to what the vehicle will be used for. You might also want to consider the availability of your chosen fuel at your area.

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